

Converting Colors

CIELCh(54, 53.430, 315.009)

Have a look what the booklet for
CIELCh(54, 53.430, 315.009)
contains.

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Color

CIELCh(54, 53.404, 314.916)

Conversions

Conversions Part 1

Format	Color
Hex	A16BC3
RGB	161, 107, 195
RGB Percent	63%, 42%, 76%
CMY	0.3693, 0.5810, 0.2360
CMYK	0.17, 0.45, 0.00, 0.24
HSL	277°, 42%, 59%
HSV	277°, 45%, 76%
XYZ	29.7360, 21.9746, 54.2023
YIQ	133.1780, 3.9360, 38.8160

Conversions

Conversions Part 2

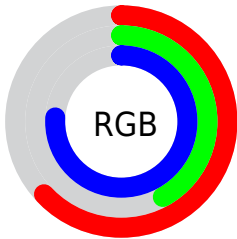
Format	Color
RYB	161, 107, 195
Decimal	10578883
CIELab	54.00, 37.71, -37.82
CIELCh	54, 53.404, 314.916
Yxy	21.9746, 0.2808, 0.2075
Android (android.graphics.Color)	4288768963 (0xFFA16BC3)
YUV	133.1780, 30.4782, 24.3999
Hunter-Lab	46.8770, 31.1951, -35.7411

Details

The CIELCh color **54, 53.404, 314.916** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **73, 50.965, 130.819**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 53.123, 314.754**, and **34, 53.778, 314.840** is the 20% darker color. If you saturate the color by 10%, you get **49, 65.044, 315.302**, and if you desaturate by 10%, it is **59, 41.430, 314.477**.

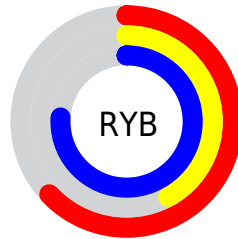
Distribution



Red (63%)

Green (42%)

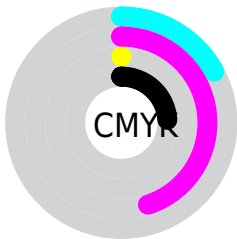
Blue (76%)



Red (63%)

Yellow (42%)

Blue (76%)

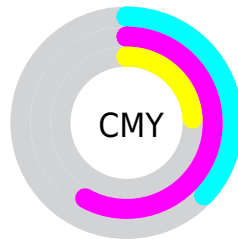


Cyan (17%)

Magenta (45%)

Yellow (0%)

Black (24%)



Cyan (37%)


Magenta (58%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 53.404, 314.916 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 54, 53.404, 314.916 by changing the saturation by 10% instead.


 54, 53.404,
314.916


 54, 53.404,
314.916


 100, 53.404,
314.916


 44, 53.404,
314.916


 74, 53.404,
314.916

 34, 53.404,
314.916

 84, 53.404,
314.916

 24, 53.404,
314.916

 94, 53.404,
314.916

 14, 53.404,
314.916

 4, 53.404, 314.916

 0, 53.404, 314.916

54, 53.404,
314.916

54, 53.404,
314.916

49, 65.044,
315.302

59, 41.430,
314.477

44, 75.919,
315.583

65, 29.416,
314.019

40, 85.434,
315.689

70, 17.538,
313.566

37, 92.900,
315.536

76, 5.900, 313.121

81, 5.443, 132.775


35, 97.743,
315.046

87, 16.466,
132.390

34, 99.499,
314.746

93, 27.162,
132.055

96, 33.019,
130.209

 97, 32.012,
125.759

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



54, 53.404, 314.916



73, 50.965, 130.819

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54, 53.404, 314.916



54, 53.404, 4.916



54, 53.404, 134.916



54, 53.404, 184.916

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



54, 53.402, 314.916



89, 19.967, 313.524



58, 31.297, 273.540



47, 13.933, 313.623



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54, 53.402, 314.916



63, 78.602, 315.291



58, 53.342, 329.885



38, 6.486, 313.309



27, 86.147, 314.899



2, 20.699, 309.609

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56, 39.109, 355.589



67, 57.231, 357.368



72, 53.518, 143.593



38, 4.737, 351.056



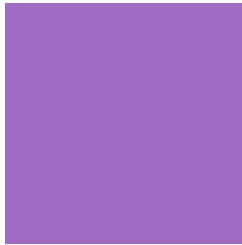
34, 60.114, 12.365



3, 15.020, 358.919

Previews

White Background



This preview shows how the CIELCh color 54, 53.404, 314.916 looks on a white background.

Color Contrast Check

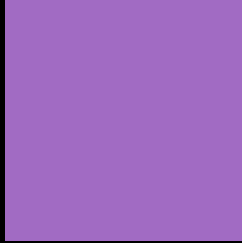
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 54, 53.404, 314.916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

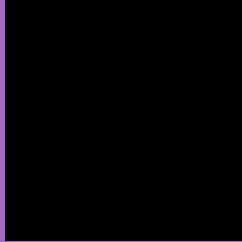
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 53.404, 314.916

Background



This preview shows how black text looks on a background with the CIELCh color 54, 53.404, 314.916.

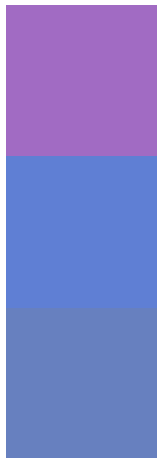


This preview shows how white text looks on a background with the CIELCh color 54, 53.404, 314.916.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
54, 53.404, 314.916

Protanopia
54, 49.139, 285.789

Deuteranopia
54, 36.696, 282.706



Tritanopia
54, 13.382, 355.616

Trichromacy



Original Color
54, 53.404, 314.916

Protanomaly
54, 49.558, 295.530

Deuteranomaly
54, 41.658, 296.748

Tritanomaly
54, 26.382, 326.484

Monochromacy



Original Color
54, 53.404, 314.916

Achromatopsia
56, 0.007, 296.813

Achromatomaly
54, 19.985, 314.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 53.404, 314.916 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(161, 107, 195)` looks like.

```
.text, #text, p{  
    color:rgb(161, 107, 195)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(161, 107, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 107, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 53.404, 314.916 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(161, 107, 195) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(161, 107, 195) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(161, 107, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 107, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 107, 195);  
box-shadow:4px 4px 4px 4px rgb(161, 107,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 53.404, 314.916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 107, 195) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(161,  
107, 195) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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